CLAIMS

What is claimed is:

1    1.    A method of migrating objects from a source installation to a target installation,
2    comprising:
3            receiving input that selects a set of migrating objects, wherein the set of migrating
4                    objects is a set of objects at the source installation that are to be migrated to
5                    the target installation;
6            from a first set of one or more system tables at the source installation, copying
7                    metadata that defines the selected set of migrating objects into a first set of
8                    transport tables at the source installation;
9            exporting the metadata from the first set of transport tables at the source installation;
10           importing the metadata that was exported from the first set of transport tables into a
11                   second set of transport tables at the target installation site; and
12           merging the metadata from the second set of transport tables into a second set of one
13                   or more system tables at the target installation.

1    2.    The method of claim 1, wherein:
2            the step of exporting includes creating a dump file by invoking an export utility of a
3                    database server that manages a database containing the first set of system
4                    tables; and
5            the step of importing includes copying data from the dump file into the section set of
6                    system tables by invoking an import utility of a database server that manages
7                    a database containing the second set of system tables.

1   3.      The method of claim 1, further comprising generating a script file which, when

2   executed in a first mode causes performance of the step of exporting, and when executed in a

3   second mode causes performance of the step of importing.

1   4.      The method of claim 1, wherein:

2         the objects are application components created for an application by an application

3             design tool associated with the first installation; and

4         after the step merging, accessing the application components using an application

5             design tool associated with the second installation.

1   5.      The method of Claim 1 wherein the first set of transport tables are mirrors of the first

2   set of system tables, and include one or more columns in addition to the columns of the first

3   set of system tables.

1   6.      The method of Claim 1 wherein the second set of transport tables are mirrors of the

2   second set of system tables, and include one or more columns in addition to the columns of

3   the second set of system tables.

1   7.      The method of claim 1 wherein the step of merging includes resolving inconsistencies

2   between

3         metadata being copied into the second set of system tables from the second set of

4             transport tables, and

5        metadata that already exists in said second set of system tables.

1    8.     The method of claim 1 wherein:

2        one or more objects in the set of migrating objects have dependencies relative to a

3            set of one or more other objects that have not been selected by the input;

4        the method further comprises the steps of automatically

5            identifying the set of one or more other objects upon which the migrating

6                objects depend; and

7            migrating from the first installation to the second installation the set of

8                other objects along with the set of migrating objects.

1    9.     A computer-readable medium carrying one or more sequences of instructions

2    which, when executed by one or more processors, causes the one or more processors to

3    perform the method recited in Claim 1.

1    10.    A computer-readable medium carrying one or more sequences of instructions

2    which, when executed by one or more processors, causes the one or more processors to

3    perform the method recited in Claim 2.

1    11.    A computer-readable medium carrying one or more sequences of instructions

2    which, when executed by one or more processors, causes the one or more processors to

3    perform the method recited in Claim 3.

1    12.    A computer-readable medium carrying one or more sequences of instructions

2    which, when executed by one or more processors, causes the one or more processors to

3    perform the method recited in Claim 4.


1    13.    A computer-readable medium carrying one or more sequences of instructions

2    which, when executed by one or more processors, causes the one or more processors to

3    perform the method recited in Claim 5.


1    14.    A computer-readable medium carrying one or more sequences of instructions

2    which, when executed by one or more processors, causes the one or more processors to

3    perform the method recited in Claim 6.


1    15.    A computer-readable medium carrying one or more sequences of instructions

2    which, when executed by one or more processors, causes the one or more processors to

3    perform the method recited in Claim 7.


1    16.    A computer-readable medium carrying one or more sequences of instructions

2    which, when executed by one or more processors, causes the one or more processors to

3    perform the method recited in Claim 8.